

Converting Colors

CIELCh(90, 16.350, 295.358)

Have a look what the booklet for
CIELCh(90, 16.350, 295.358)
contains.

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Color

CIELCh(90, 16.189, 295.074)

Conversions

Conversions Part 1

Format	Color
Hex	E2DFFE
RGB	226, 223, 254
RGB Percent	89%, 87%, 100%
CMY	0.1127, 0.1244, 0.0028
CMYK	0.11, 0.12, 0.00, 0.00
HSL	246°, 96%, 94%
HSV	246°, 12%, 100%
XYZ	75.8404, 76.3034, 104.7265
YIQ	227.4310, -8.1630, 10.2770

Conversions

Conversions Part 2

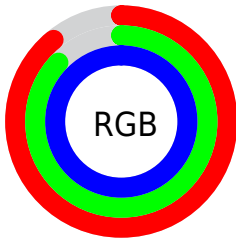
Format	Color
R _Y B	226, 223, 254
Decimal	14868478
CIE Lab	90.00, 6.86, -14.66
CIE LCh	90, 16.189, 295.074
Yxy	76.3034, 0.2952, 0.2971
Android (android.graphics.Color)	4293058558 (0xFFE2DFFE)
YUV	227.4310, 13.0985, -1.2550
Hunter-Lab	87.3518, 2.1113, -9.9368

Details

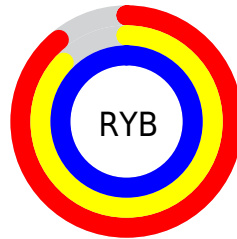
The CIELCh color `90, 16.189, 295.074` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `99, 15.742, 112.975`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 15.964, 295.548` is the 20% darker color. If you saturate the color by 10%, you get `82, 30.065, 296.133`, and if you desaturate by 10%, it is `98, 2.863, 294.171`.

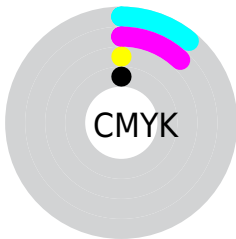
Distribution



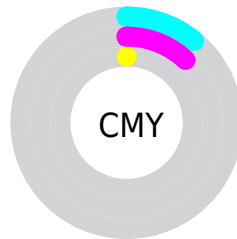
- Red (89%)
- Green (87%)
- Blue (100%)



- Red (89%)
- Yellow (87%)
- Blue (100%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (12%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 16.189, 295.074 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 90, 16.189, 295.074 by changing the saturation by 10% instead.


 90, 16.189,
295.074


 90, 16.189,
295.074


 100, 16.189,
295.074


 80, 16.189,
295.074


 70, 16.189,
295.074

 60, 16.189,
295.074

 50, 16.189,
295.074

 40, 16.189,
295.074

 30, 16.189,
295.074

 20, 16.189,

295.074

■ 10, 16.189,
295.074

■ 0, 16.189, 295.074

■ 90, 16.189,
295.074

■ 90, 16.189,
295.074

■ 82, 30.065,
296.133

■ 98, 2.863, 294.171

■ 74, 44.526,
297.371

100, 0.356,
109.934

■ 66, 59.568,
298.794

■ 58, 75.105,
300.392

■ 51, 90.853,
302.110

■ 44, 106.110,
303.818

■ 38, 119.480,
305.285

■ 34, 128.941,
306.217

■ 33, 133.000,
306.530

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



90, 16.189, 295.074



99, 15.742, 112.975

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 16.189, 295.074



90, 16.189, 345.074



90, 16.189, 115.074



90, 16.189, 165.074

Sweetspot

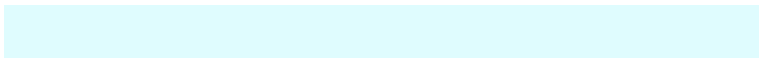
The Sweet Spot groups the original color and five complimentary colors.



90, 16.187, 295.071



97, 5.243, 294.320



97, 9.689, 206.736



51, 3.731, 294.384



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 16.187, 295.071



88, 20.072, 295.353



91, 17.335, 312.440



49, 7.526, 294.813



23, 107.248, 306.593



4, 44.352, 303.656

Inverse Universe

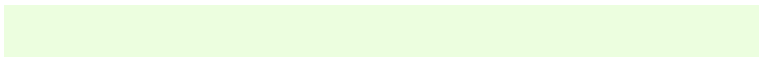
The Inverse Universe completely reimagines the original color for something new.



92, 18.163, 327.865



91, 22.426, 328.034



98, 17.093, 131.408



50, 8.476, 327.702



44, 86.266, 332.511



12, 40.051, 331.948

Previews

White Background



This preview shows how the CIE LCh color 90, 16.189, 295.074 looks on a white background.

Color Contrast Check

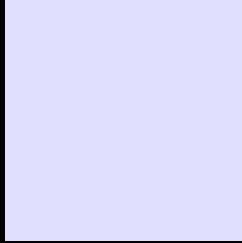
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 90, 16.189, 295.074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

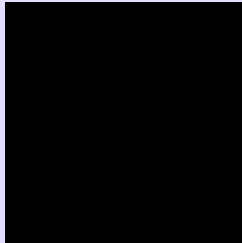
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 16.189, 295.074

Background



This preview shows how black text looks on a background with the CIELCh color 90, 16.189, 295.074.

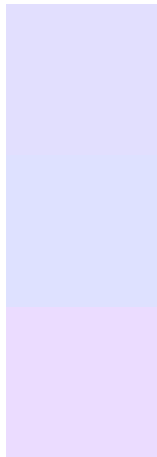


This preview shows how white text looks on a background with the CIELCh color 90, 16.189, 295.074.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

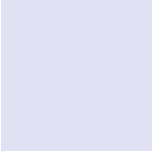
90, 16.189, 295.074

Protanopia

90, 15.612, 287.728

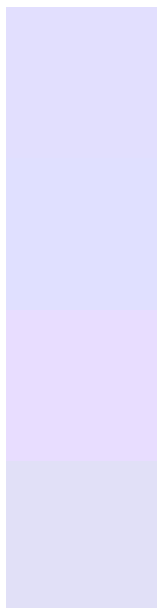
Deuteranopia

90, 19.010, 307.220



Tritanopia
90, 9.365, 288.830

Trichromacy



Original Color
90, 16.189, 295.074

Protanomaly
90, 16.129, 291.478

Deuteranomaly
90, 18.159, 303.469

Tritanomaly
90, 11.981, 292.788

Monochromacy



Original Color
90, 16.189, 295.074

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 6.256, 293.895

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 16.189, 295.074 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(226, 223, 254)` looks like.

```
.text, #text, p{  
    color:rgb(226, 223, 254)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(226, 223, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 223, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 16.189, 295.074 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 223, 254) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(226, 223, 254) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(226, 223, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 223, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 223, 254); box-shadow:4px 4px 4px 4px rgb(226, 223, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 16.189, 295.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 223, 254) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(226,  
223, 254) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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